

Datasheet for ABIN7599477
anti-WBSCR17 antibody (AA 1-558)



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Overview

Quantity:	100 µg
Target:	WBSCR17
Binding Specificity:	AA 1-558
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WBSCR17 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-GALNT16 Antibody Picoband®
Immunogen:	E.coli-derived human GALNT16 recombinant protein (Position: M1-T558). Human GALNT16 shares 96.1% amino acid (aa) sequence identity with mouse GALNT16.
Characteristics:	Anti-GALNT16 Antibody Picoband® (ABIN7599477). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	WBSCR17
Alternative Name:	GALNT16 (WBSCR17 Products)
Background:	Membrane-bound polypeptide N-acetylgalactosaminyltransferases (EC 2.4.1.41), such as GALNT16, catalyze the first step in mucin-type O-glycosylation of peptides in the Golgi apparatus. These enzymes transfer N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the hydroxyl group of serine or threonine in target proteins.
Molecular Weight:	70 kDa
Gene ID:	57452
UniProt:	Q8N428

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Hirose, M., Nagase, T., Ishikawa, K., Kikuno, R., Nomura, N., Ohara, O. Characterization of cDNA clones selected by the GeneMark analysis from size-fractionated cDNA libraries from human brain. DNA Res. 6: 329-336, 1999. 2. Peng, C., Togayachi, A., Kwon, Y.-D., Xie, C., Wu, G., Zou, X., Sato, T., Ito, H., Tachibana, K., Kubota, T., Noce, T., Narimatsu, H., Zhang, Y. Identification of a novel human UDP-GalNAc transferase with unique catalytic activity and expression profile. Biochem. Biophys. Res. Commun. 402: 680-686, 2010.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.